

Figure 2 (Prior Art)

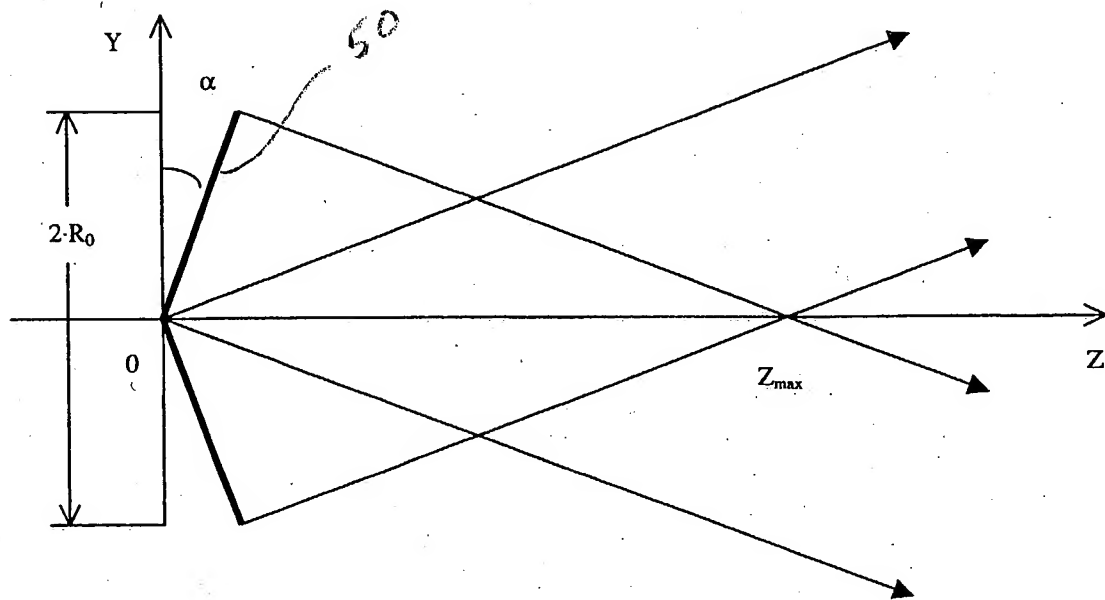


Figure 3 (Prior Art)

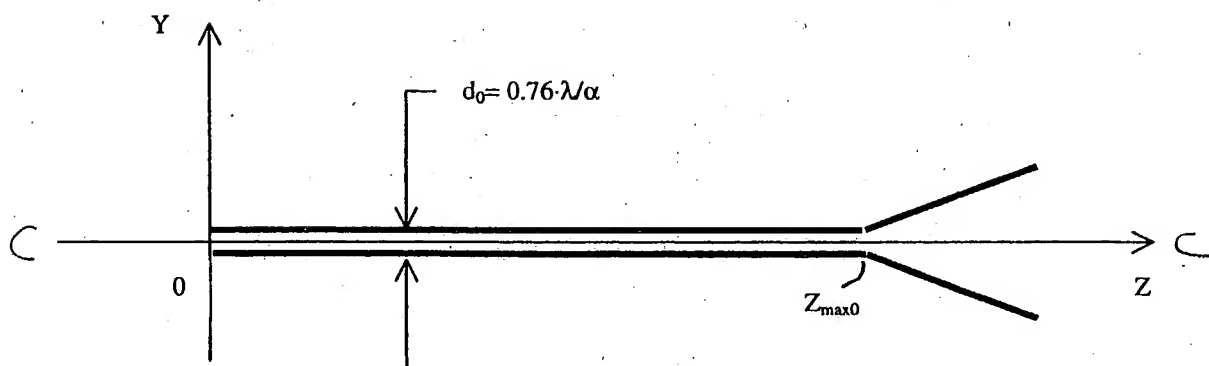


Figure 4

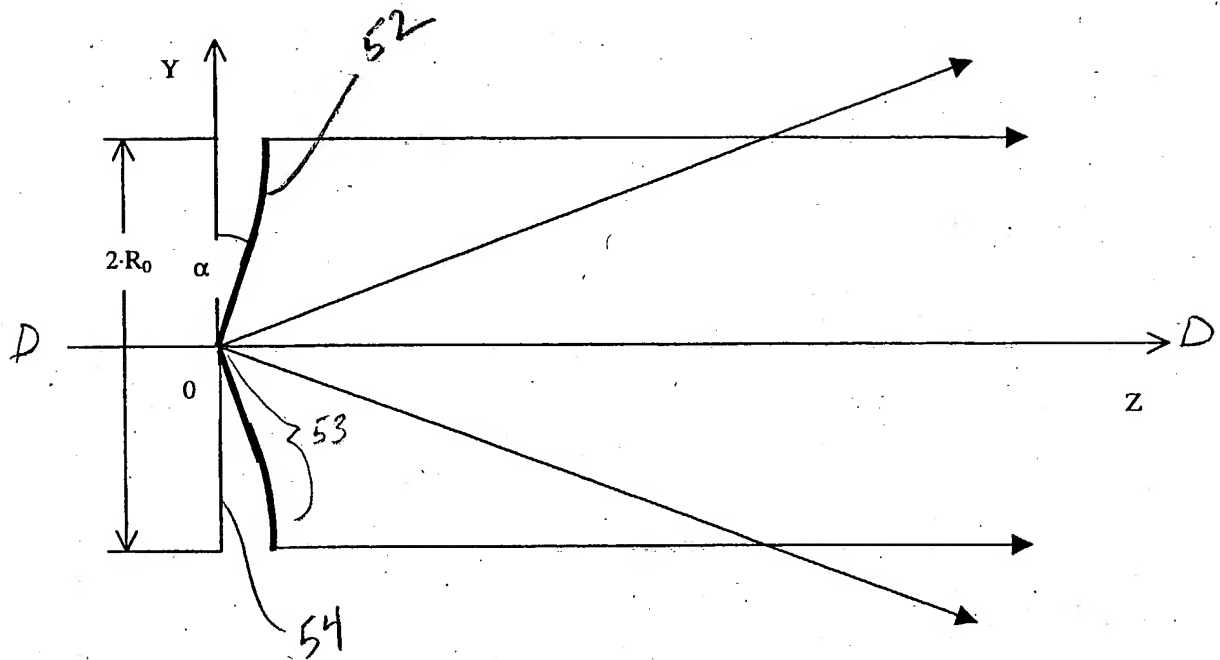


Figure 5

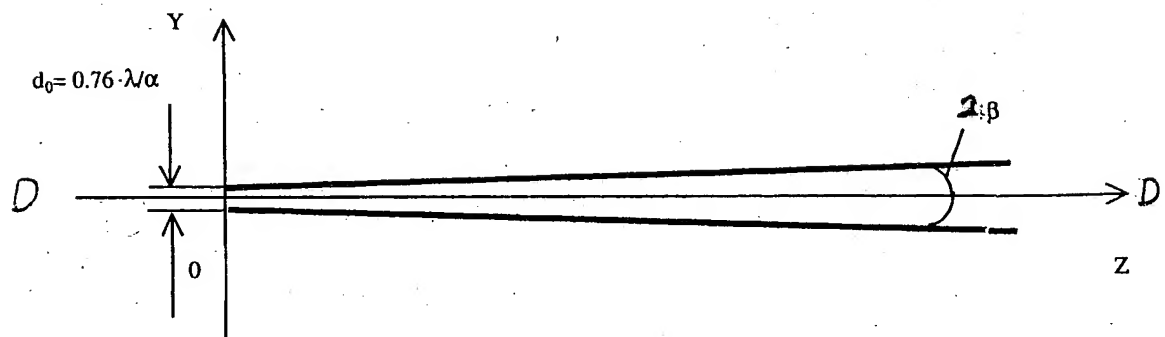


Figure 6

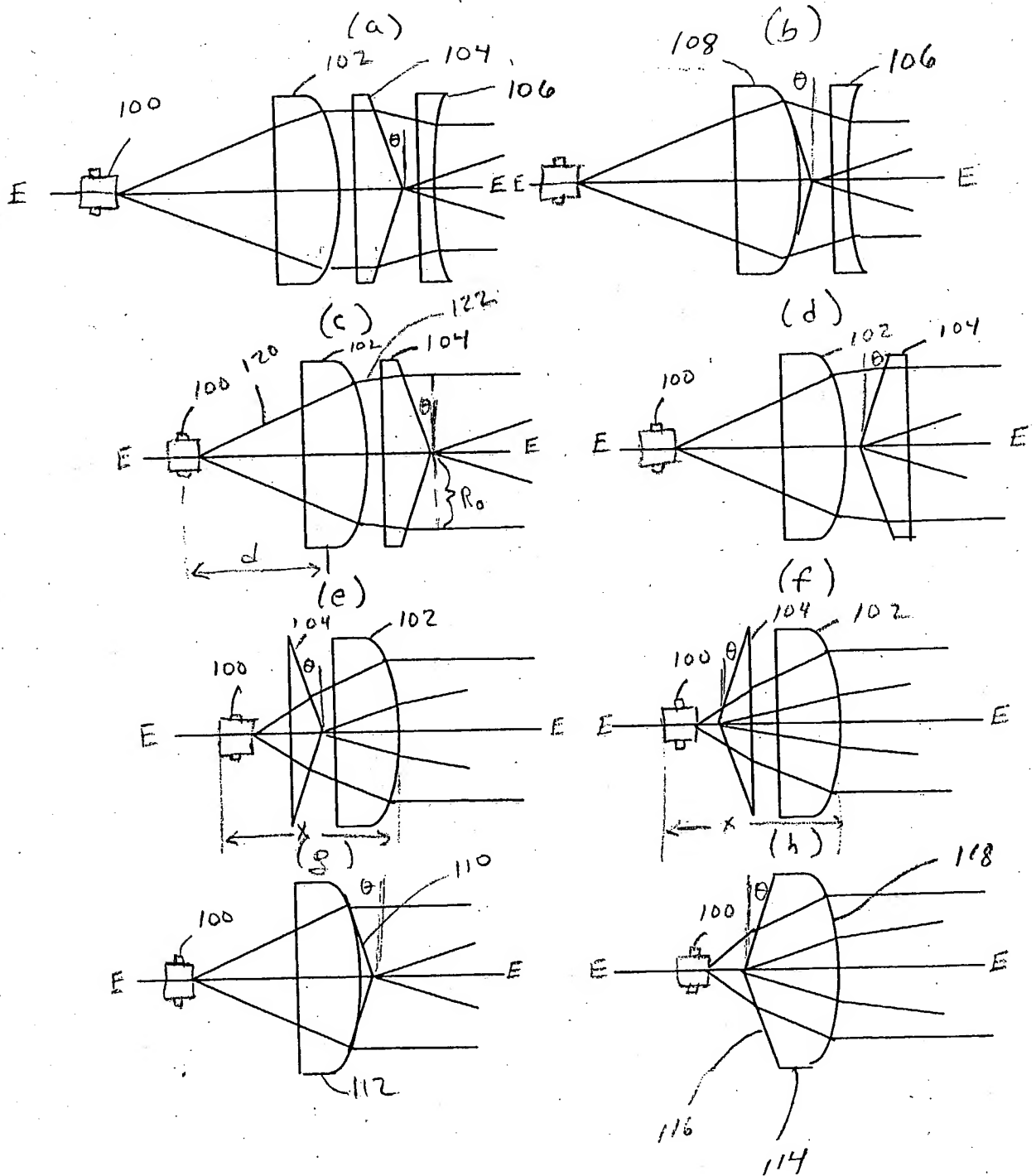


Figure 7(a)

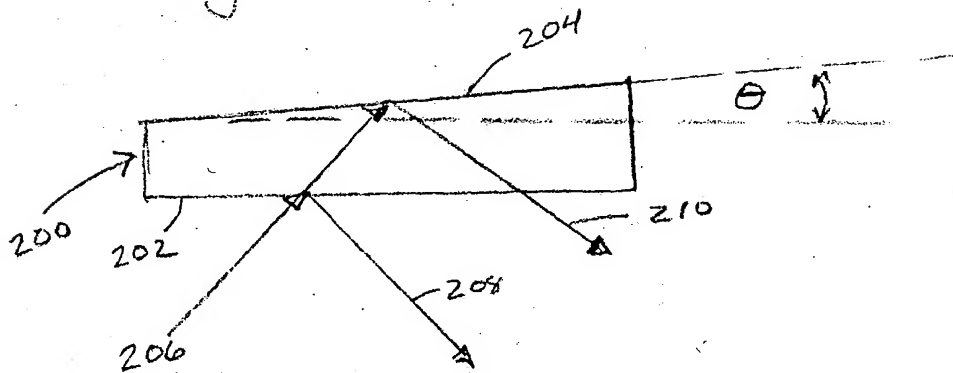


Figure 7(b)

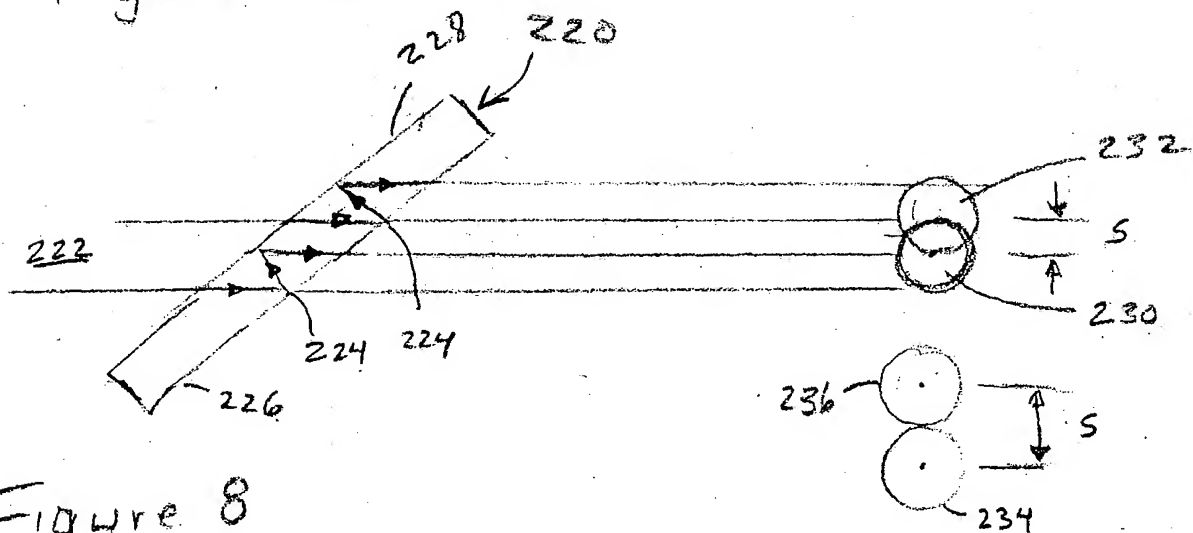


Figure 8

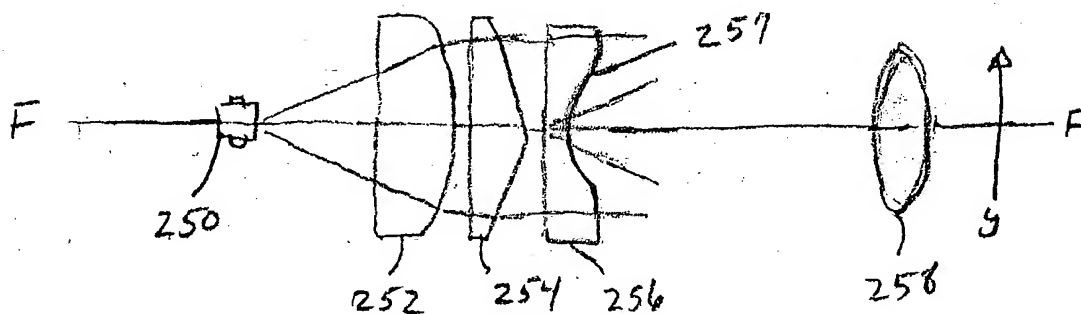


Figure 9(a)

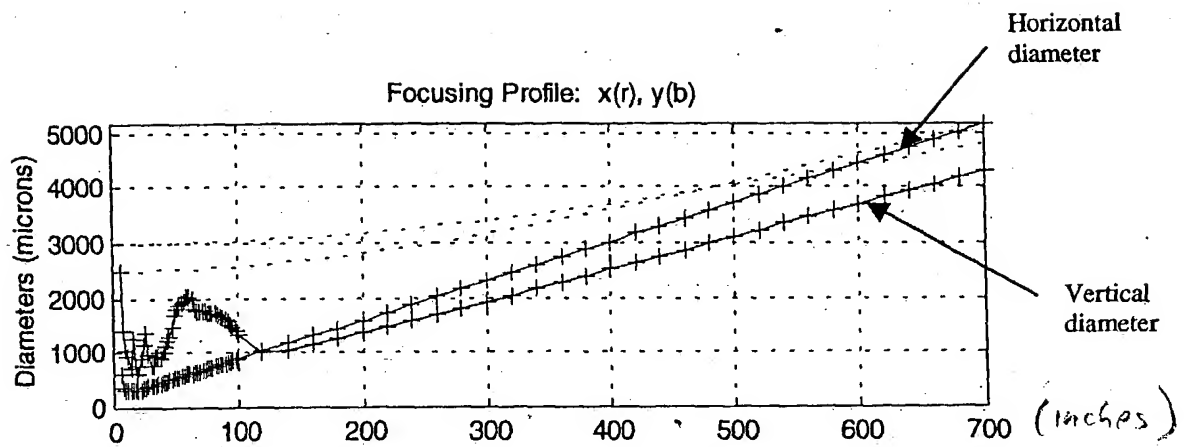
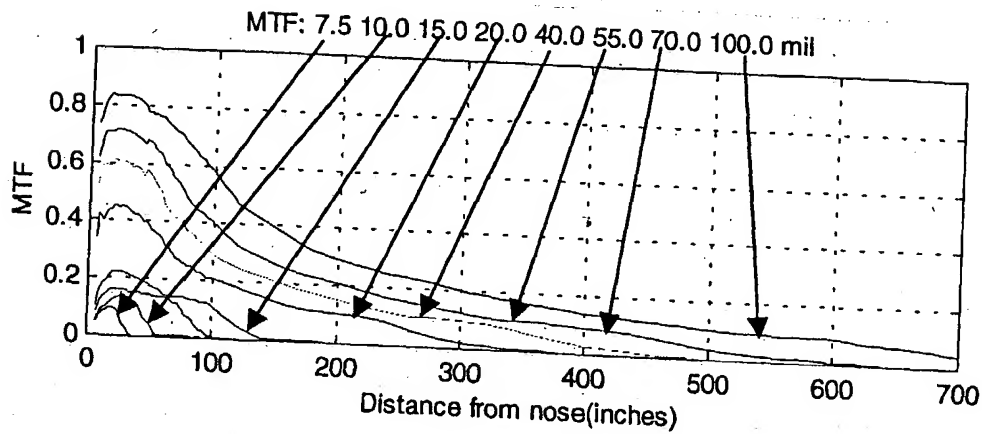


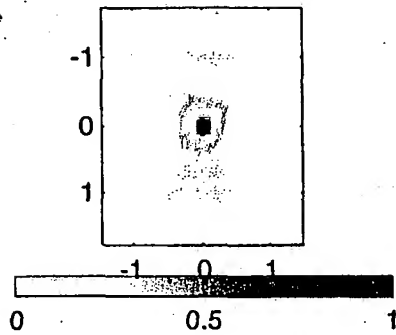
Figure 9(b)



Beam diameter and MTF vs. distance

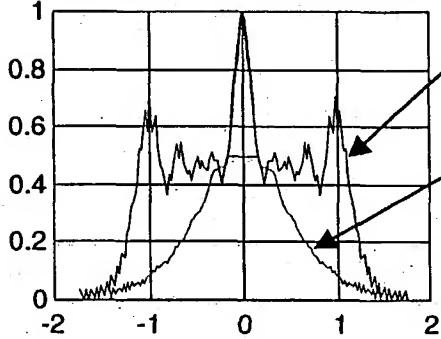
Figure 10
(a)

Intensity Distribution: 0.32682 mm 0.96826 mm

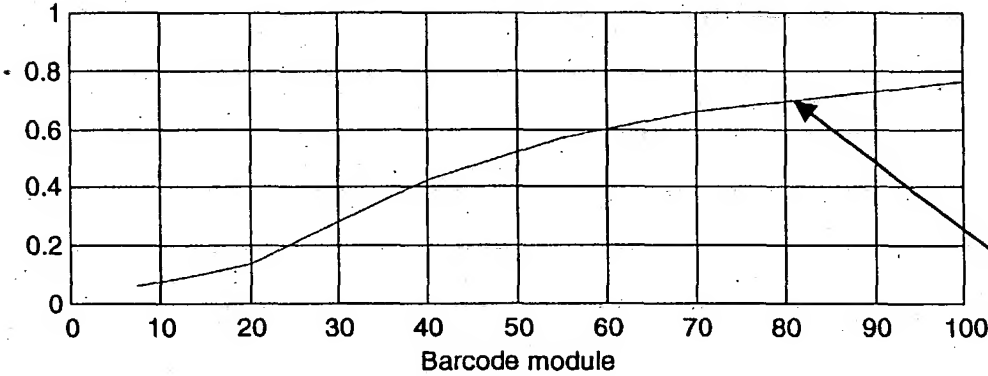


(b)

Line Spread Function, $x(r)$, $y(b)$

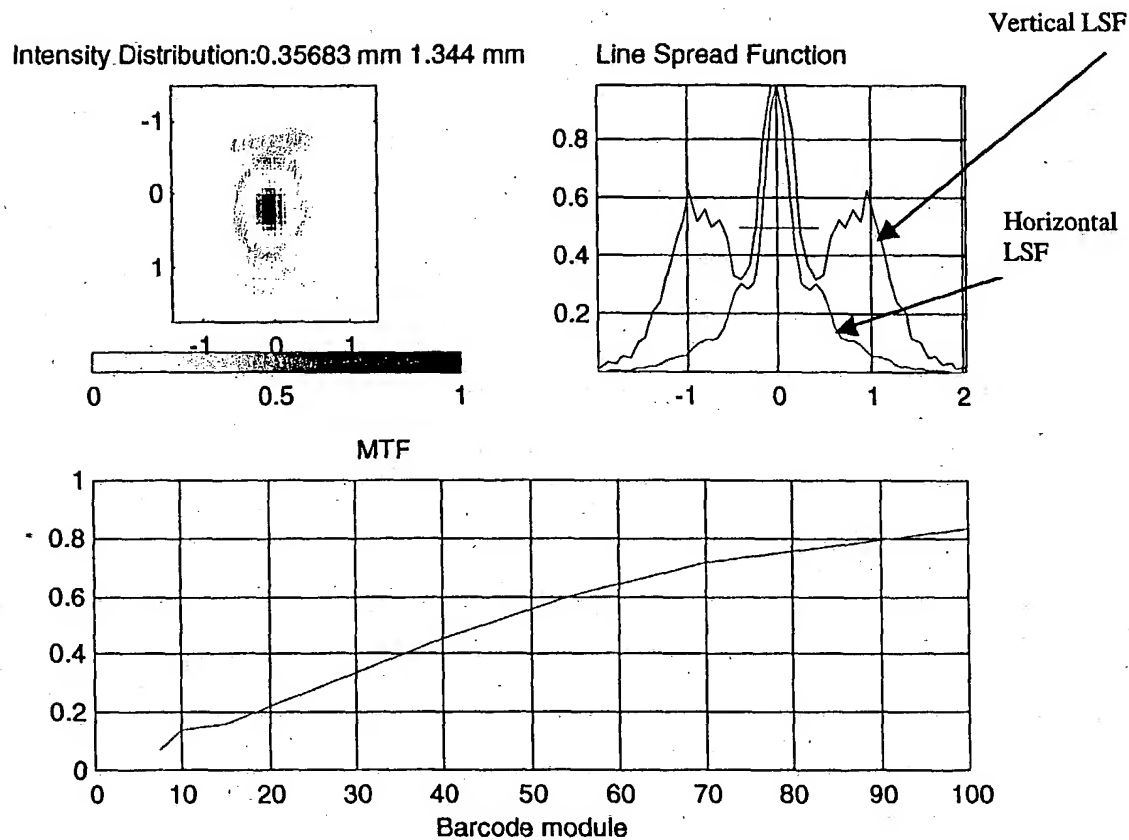


MTF (c)



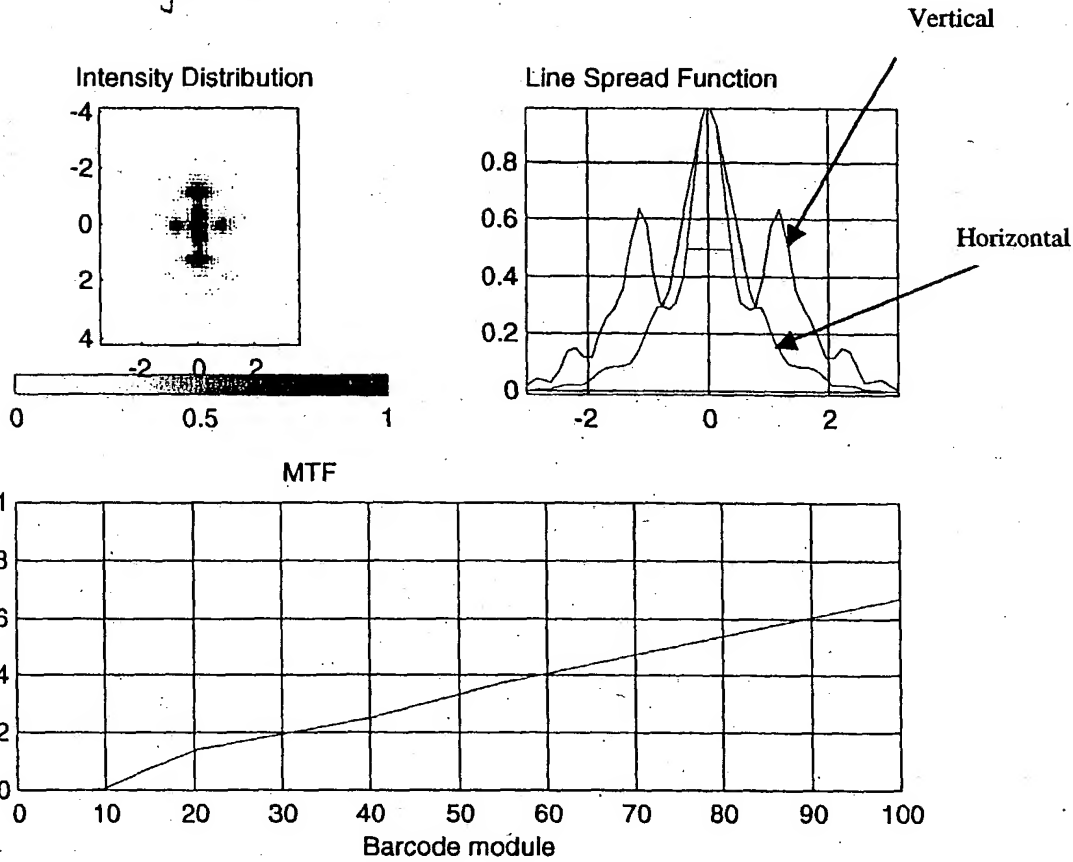
Laser spot characteristics at minimum working distance (8.5")

Figure 11



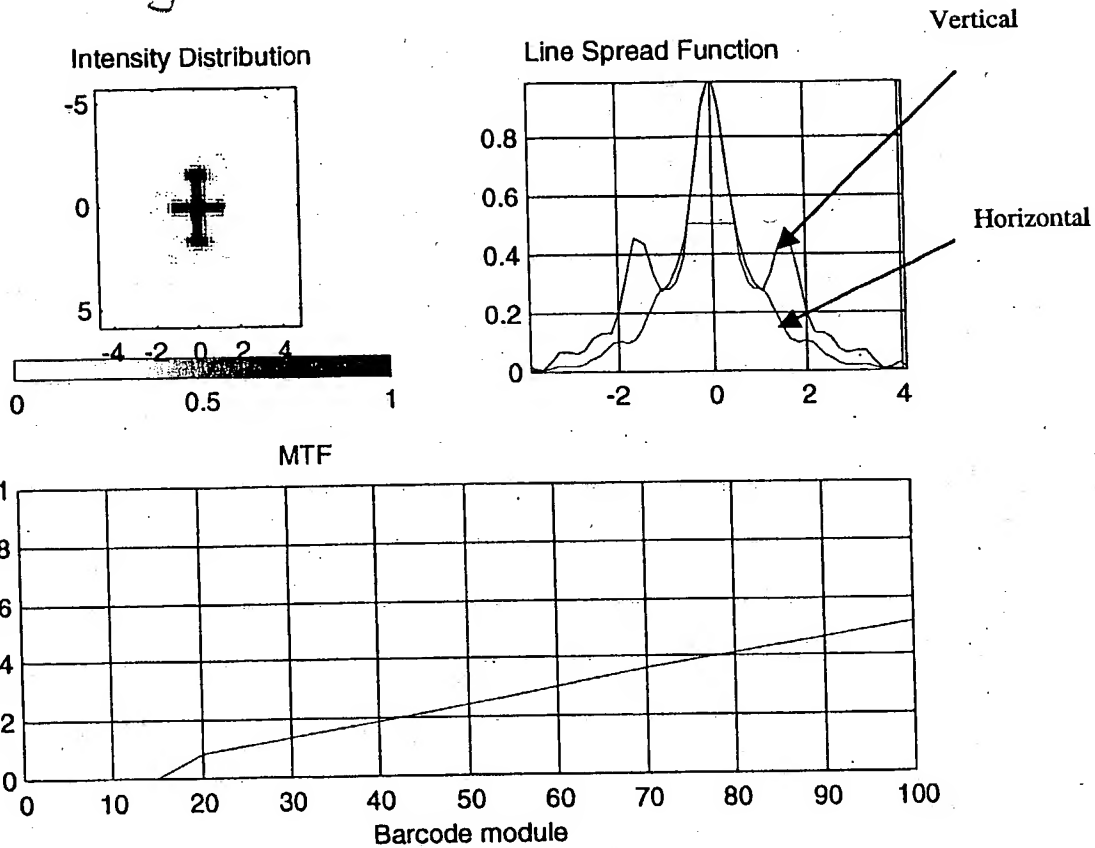
Laser spot characteristics at 7.5 mil maximum working distance (25")

Figure 12



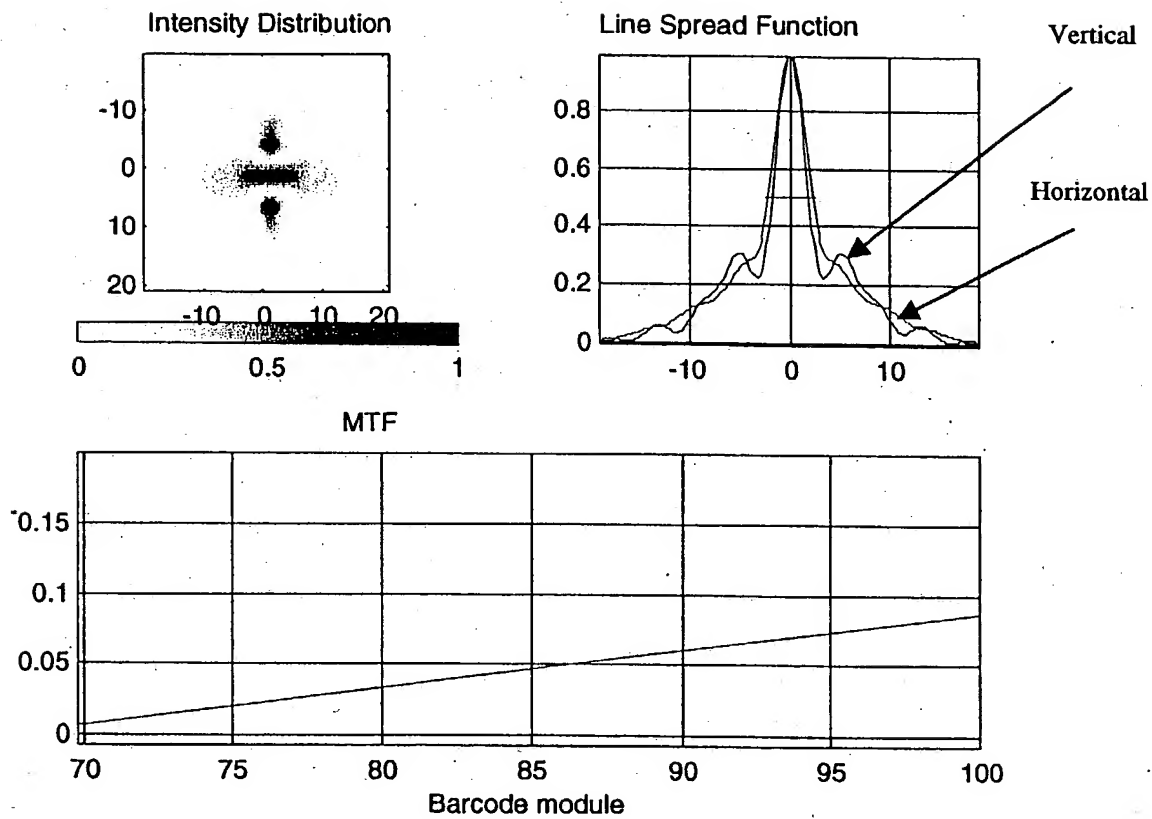
Laser spot characteristics at 15 mil maximum working distance (81'')

Figure 13



Laser spot characteristics at 20 mil maximum working distance (112'')

Figure 14



Laser spot characteristics at 100 mil maximum working distance (600'')

Figure 15

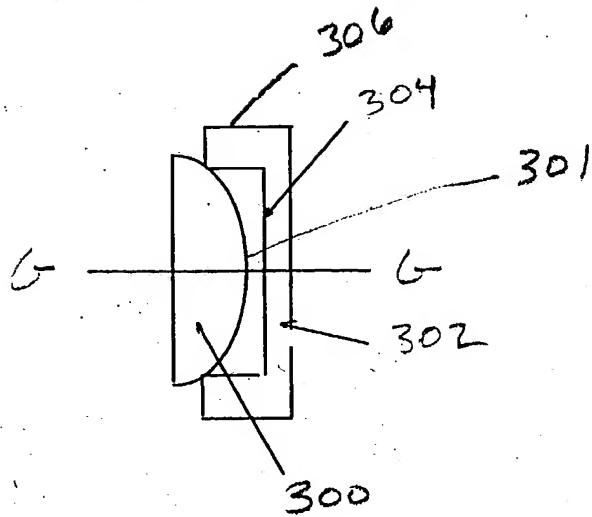


Figure 16 (PRIOR ART)

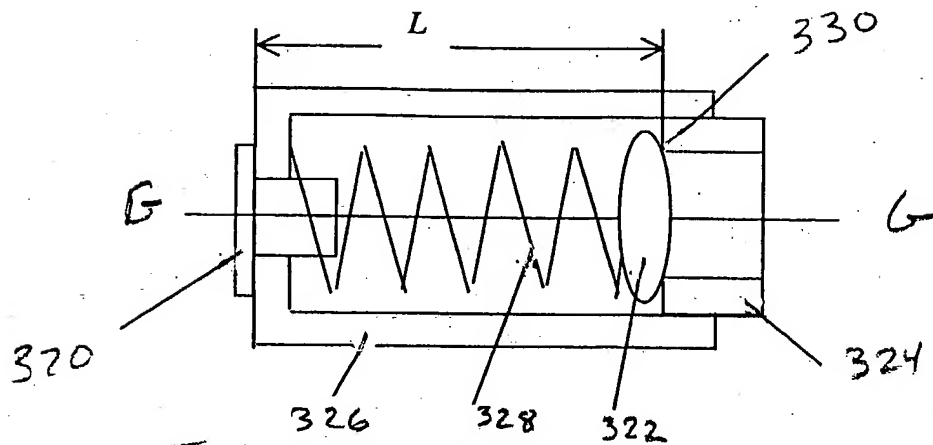


Figure 17

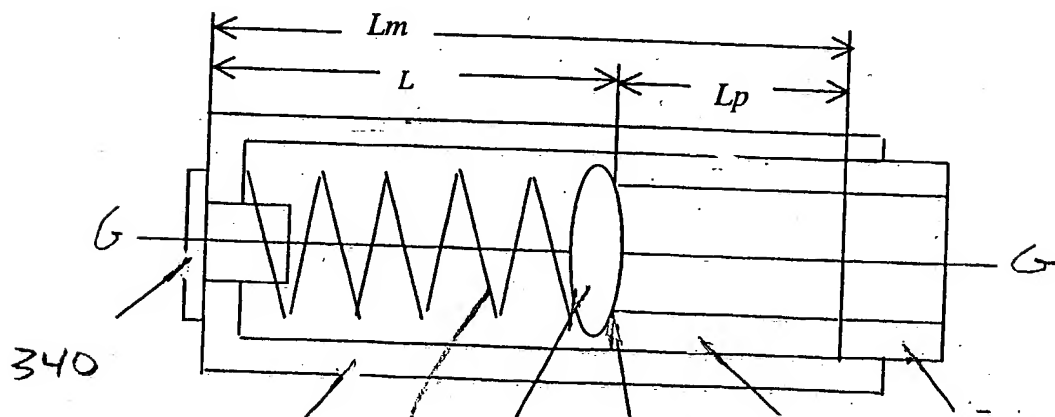


Figure 18

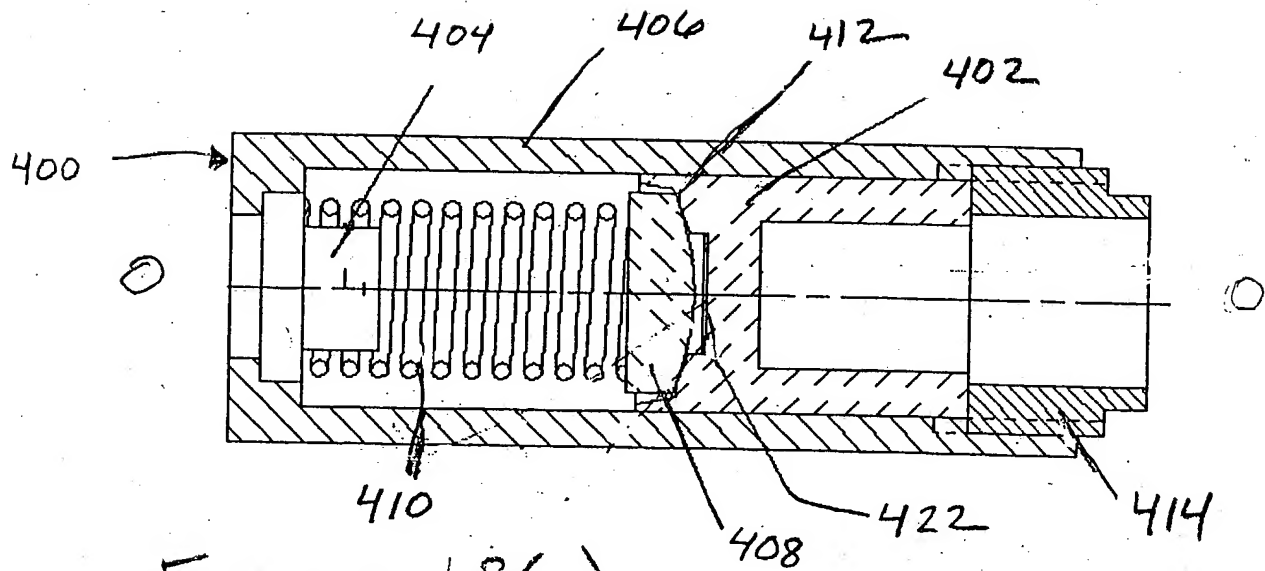


Figure 18(a)

